

## SCENARIO BASED SQL QUESTIONS

**Find cumulative sum or running total of revenue for each product category?**

```
CREATE TABLE PRODUCTS
```

```
(
```

```
PRODUCT_ID INT,
```

```
PRODUCT_CATEGORY VARCHAR (40),
```

```
PRODUCT_NAME VARCHAR (40),
```

```
REVENUE INT
```

```
);
```

```
INSERT INTO PRODUCTS VALUES (1, 'FURNITURE','CHAIR', 6000),
```

```
(2,'ELECTRONICS','FAN',80000),
```

```
(3,'BEAUTY','SHAMPOO', 20000),
```

```
(4,'FASHION','T-SHIRT',30000),
```

```
(5,'GROCERIES','FRUITS',40000),
```

```
(6,'MOBILE','SAMSUNG',300000),
```

```
(7,'BEAUTY','SOAP', 50000),
```

```
(8,'FASHION','JEANS',250000),
```

```
(9,'GROCERIES','DAIRY',40000),
```

```
(10,'MOBILE','APPLE',500000);
```

```
SELECT * FROM PRODUCTS;
```

```
SELECT *, SUM (REVENUE) OVER (PARTITION BY PRODUCT_CATEGORY ORDER BY PRODUCT_ID)
```

```
AS CUMULATIVE_SUM FROM PRODUCTS;
```